

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A syringe for dispensing a fluid susceptible to void formation when the syringe and the fluid are frozen and then thawed before dispensing, the syringe comprising:

a barrel including a first opening, a second opening from which the fluid is dispensed after the fluid is thawed, a substantially cylindrical sidewall between said first and second openings, an inwardly-facing surface on said substantially cylindrical sidewall, a plurality of axial grooves defined in said inwardly-facing surface, and a tapered region narrowing from said substantially cylindrical sidewall toward said second opening, said inwardly-facing surface and said ~~axially-extending axial~~ grooves configured to be contacted by the fluid and to reduce the void formation in the fluid, said inwardly-facing surface centered about a longitudinal axis, and said axial grooves extending substantially parallel to said longitudinal axis from a first location on said inwardly-facing surface proximate to said first opening to a second location on said inwardly-facing surface proximate to said tapered region.

2. (Cancelled)

3. (Previously Presented) The syringe of claim 1 wherein said axial grooves provide an average surface roughness greater than about 0.1 microns.

4. (Previously Presented) The syringe of claim 4 wherein said surface roughness is greater than about 2.5 microns.

5. (Original) The syringe of claim 4 wherein said surface roughness is between about 2.5 microns and about 5.1 microns.

6. (Previously Presented) The syringe of claim 1 wherein said substantially cylindrical sidewall has a flexibility and said axial grooves provide a level of said surface roughness to cooperate with said flexibility of said substantially cylindrical sidewall to reduce void formation.

7. (Previously Presented) The syringe of claim 6 wherein said substantially cylindrical sidewall is formed from polypropylene, and said substantially cylindrical sidewall has a thickness ranging from about 0.019" and about 0.025".

8. (Previously Presented) The syringe of claim 6 wherein said flexibility depends upon a thickness of said substantially cylindrical sidewall and a material forming said substantially cylindrical sidewall.

9. (Previously Presented) The syringe of claim 1 further comprising:

a pressure sleeve capable of being placed in a surrounding relationship with said substantially cylindrical sidewall when the fluid is dispensed through said second opening.

10-17. (Cancelled)

18. (Previously Presented) The syringe of claim 1 wherein said inwardly-facing surface of said substantially cylindrical sidewall and said axial grooves include a plurality of surface features configured to increase a surface area over which said inwardly-facing surface is contacted by the fluid.

19. (Previously Presented) The syringe of claim 18 wherein said surface features comprise a surface texture.

20. (Currently Amended) The syringe of claim 19 wherein said surface texture provides an average surface roughness [[is]] greater than 0.1 microns.

21. (Previously Presented) The syringe of claim 19 wherein the surface roughness ranges from about 2.5 microns to about 5.1 microns.

22. (Previously Presented) The syringe of claim 1 further comprising:

a fluid disposed within said barrel.

23. (Previously Presented) The syringe of claim 1 wherein said axial grooves extend substantially along the length of said barrel.

24. (Previously Presented) The syringe of claim 1 wherein said axial grooves have one of the following cross-sectional profiles:

- a) double shaped
- b) rounded U
- c) squared U
- d) hemispherical
- e) elongated
- f) V-shaped
- g) rounded V-shaped
- h) crescent shaped, and
- i) I-shaped.

25. (Previously Presented) The syringe of claim 1 wherein said axial grooves have a cross-sectional profile that increases a surface area over which said inwardly-facing surface is contacted by the fluid.

26. (Previously Presented) The syringe of claim 25 wherein said inwardly-facing is textured between said grooves to further increase the surface area over which said inwardly-facing surface is contacted by the fluid.

27. (Currently Amended) The syringe of claim 1 ~~wherein~~ further comprising:

a single piston disposed inside said barrel such that said axial grooves are located between said single piston and said second opening while the syringe and the fluid are frozen.

28. (Withdrawn) A method of using the syringe of claim 1, the method comprising:

filling the syringe with the fluid; and

freezing the syringe and the fluid.

29. (Withdrawn) The method of claim 28 further comprising:

thawing the syringe and the fluid; and

dispensing the fluid, after thawing, from the second opening of the syringe.